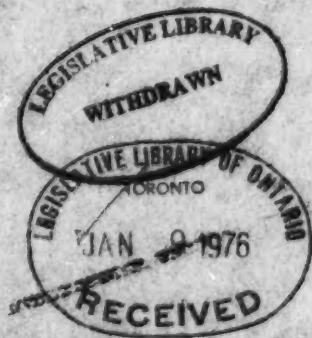


*Sask
Health
Hearing*

Saskatchewan Hearing Aid Plan

**ANNUAL REPORT
1974-75**



PROVINCE OF SASKATCHEWAN
DEPARTMENT OF HEALTH
3211 Albert Street, Regina
S4S 0A6

SASKATCHEWAN HEARING AID PLAN

ANNUAL REPORT

April 1, 1974 to March 31, 1975

DEPARTMENT OF HEALTH

PROVINCE OF SASKATCHEWAN

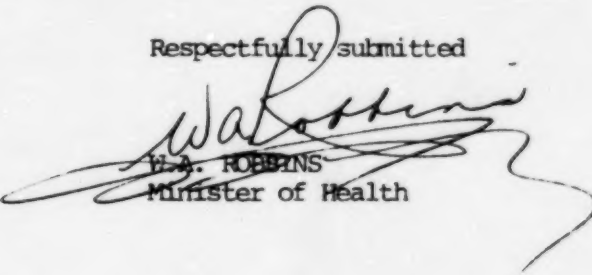
Department of Health
Regina, December, 1975

TO THE HONOURABLE S. WROBETZ, M.C.M.D., C.R.C.S. (C)
Lieutenant Governor of Saskatchewan

MAY IT PLEASE YOUR HONOUR:

I have the honour to present herewith, for your consideration, the Annual Report on the Saskatchewan Hearing Aid Plan for the fiscal year ending March 31, 1975.

Respectfully submitted



W.A. ROBBINS
Minister of Health

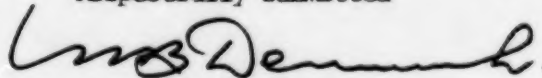
Department of Health
Regina, December, 1975

TO THE HONOURABLE W.A. ROBBINS
Minister of Health

SIR:

I have the honour to forward herewith the Annual Report on the Saskatchewan Hearing Aid Plan for the fiscal year ending March 31, 1975.

Respectfully submitted



M.B. DERRICK
Deputy Minister of Health

FOREWORD

This Saskatchewan Hearing Aid Plan annual report was prepared subsequent to the annual report of the Department of Health. In both reports every effort has been made to present the most up-to-date information. Additional data for the fiscal year became available just prior to publication of this document, and as a result, the figures in this report are slightly different and more accurate than those appearing in the Department's annual report. Specifically, the differences are as follows:

- * Number of beneficiaries tested increased by 170 (4,207 versus 4,037);
- * Number of beneficiaries fitted with hearing aids increased by 52 to 2,383 from 2,331;
- * Number of beneficiaries with incomplete evaluations decreased by 30 to 380;
- * Number of beneficiaries with two hearing aids increased by three, from 113; and
- * Average price of hearing aids decreased by \$3.06 to \$91.94.

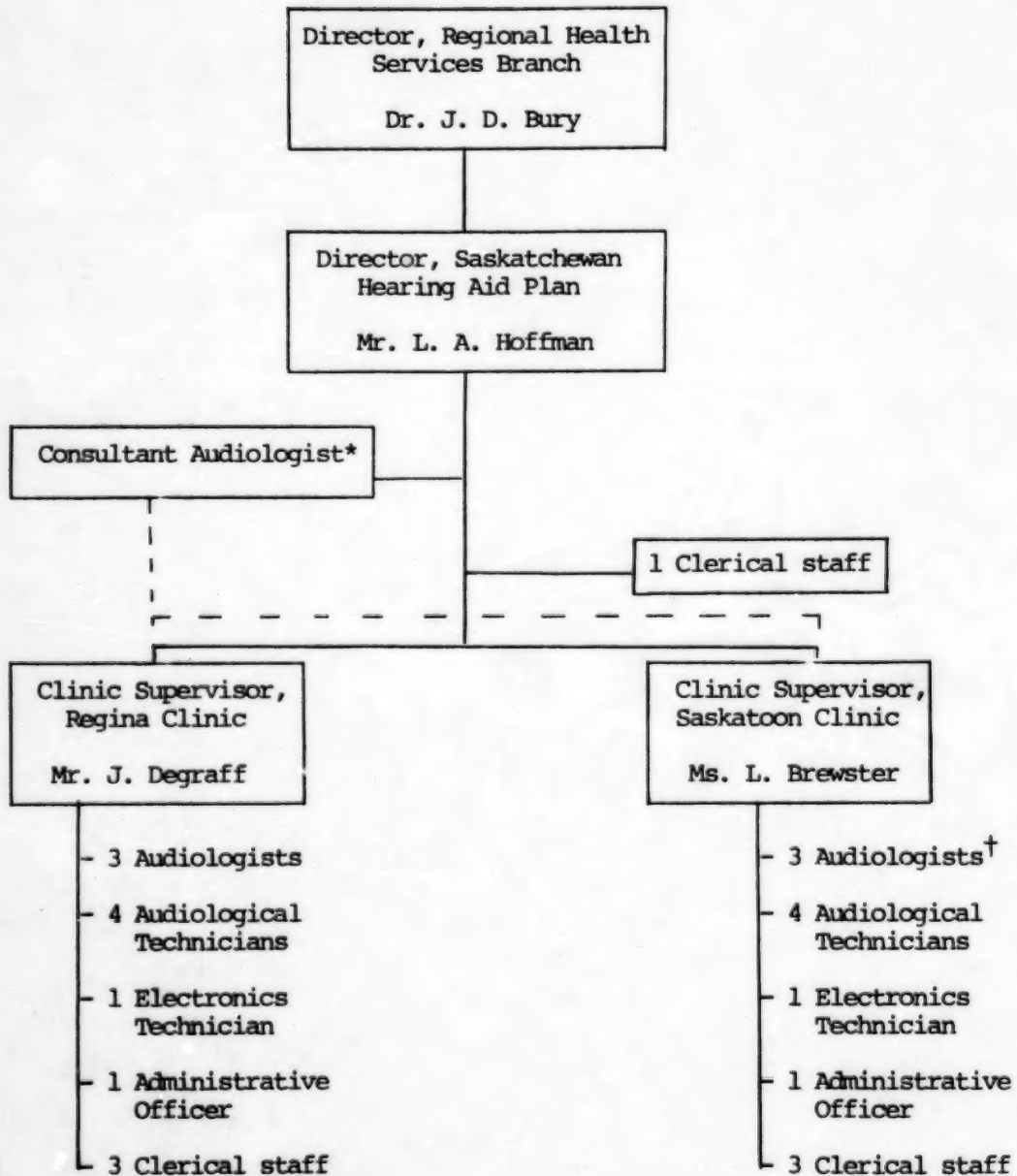
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ORGANIZATION OF THE
SASKATCHEWAN HEARING AID PLAN (SHAP)



* Vacant

† Includes one vacant position

MEMBERS OF THE SASKATCHEWAN
HEARING AID PLAN ADVISORY BOARD,
MARCH, 1975

The Advisory Board has eight voting members as follows:

Mr. L. A. Hoffman
Dr. E. V. C. Dwersteg
Dr. R. Crook
Miss L. O'Connor
Miss J. Dean
Mrs. L. Harold
Dr. M. Bergubush
Mr. W. Bates

The Chief Audiologist and the two clinic supervisors also attend all Board meeting as resource people and observers.

ORGANIZATION AND ADMINISTRATION

INTRODUCTION

The Saskatchewan Hearing Aid Plan, inaugurated on August 15, 1973 under THE HEARING AID ACT, 1973 provides high quality hearing aids to the residents of Saskatchewan at greatly reduced costs. The plan also provides a wide range of audiological services and necessary support services. Together with other programs such as those administered by the Saskatchewan Hospital Services Plan, the Saskatchewan Medical Care Insurance Plan, the Cancer Commission, and the Department of Health, it forms part of the provincial health services.

ADMINISTRATIVE STRUCTURE

The Saskatchewan Hearing Aid Plan is a program of the Regional Health Services Branch of the Department of Health. The administrative organization for the plan is outlined in the organization chart on page 3.

The plan maintains two base clinics in Regina and Saskatoon and holds periodic but regular clinics in all health regions of the province by the staff of the base clinics.

The clinics provide for complete audiological testing services, hearing aid fitting, counselling in the proper use and care of aids, repair services, and follow-up services. The staff of the clinics also assist in a multi-disciplinary approach to all aspects of the hearing impaired patient. The staff work closely with the beneficiary, family physician, otologists and other persons or agencies to ensure the provision of high quality care of the hearing impaired.

An Advisory Board has been established to review the Plan's policies and procedures and to recommend to the Minister any changes which are desirable.

The Board consists of:

Director of the Saskatchewan Hearing Aid Plan (Chairman);

Two representatives from the Otolaryngology Section of the Saskatchewan Medical Association: one from the northern part and one from the southern part of the province;

Two representatives from the field of Education: one from the Department of Education and one practising teacher of the deaf and hard of hearing;

One representative from the Saskatchewan Speech & Hearing Association; and

Two consumer representatives appointed by the Minister of Health.

Each member is appointed for a two-year term of office and may be reappointed if renominated by the sponsoring Agency or Department. The names of current members of the Board is given on page 4.

PERSONNEL

On March 31, 1975, the approved staff complement of the Plan totalled 29, consisting of one director, one chief audiologist, two clinic supervisors, six audiologists, eight audiological technicians, two electronic technicians, two administrative officers, and seven clerical staff. At the end of the fiscal year, the position of the Chief Audiologist and that of one audiologist were

vacant (filled September 15, 1975 and July 1, 1975 respectively). During the fiscal year three audiologists, two audiological technicians and two clerical staff were recruited on a temporary basis to accommodate the very high demand for service from the public.

On June 1, 1974, Mr. L. A. Hoffman was appointed Director of the Saskatchewan Hearing Aid Plan replacing Acting Director Mr. A. D. Treherne. The names and positions of all senior personnel can be found on page 3.

Appointment of Plan personnel is made through the Public Service Commission and employees are subject to regulations governing the provincial civil service.

FACILITIES AND EQUIPMENT

Regina Clinic

The Regina Clinic is located in the McCallum Hill Building, 1874 Scarth Street. The Clinic has a full range of diagnostic and testing facilities such as sound proof booths, hearing aid fitting rooms, electronics testing area and minor repair facilities.

Two sound booths are equipped with diagnostic audiometers, impedance bridges, tape recorders, and other electronic equipment used in testing small children. One small sound booth is used for basic audiometric testing. The electronics area is completely equipped for hearing aid evaluation, testing and for calibrating.

During the year major renovations were completed in newly acquired space to overcome the crowded conditions which had existed, and to provide more personalized facilities in the hearing aid fitting area.

Saskatoon Clinic

The clinic in Saskatoon is located in the Investors Building, 402 - 21st Street East. It has a full range of diagnostic and testing facilities including hearing aid fitting rooms, sound proof booths, electronics area and minor repair facilities.

The Clinic has two large sound proof booths equipped with diagnostic audiometers, impedance bridges, tape recorders and electronic equipment used in testing small children. The electronics area is completely equipped for hearing aid evaluation, testing and for calibrating.

Preliminary plans were made to acquire additional space. When renovations are completed the additional space will be used for fitting rooms, office space and stock room. This will overcome some of the crowded conditions which now exist, and will assist in providing improved services.

PROGRAM AND ACTIVITIES

ELIGIBILITY AND BENEFITS

To be eligible for benefits under the Plan a beneficiary must be a resident of Saskatchewan holding a valid Saskatchewan Health Services Card. Some residents are not required to hold valid Saskatchewan Health Services Cards and still may receive benefits under the plan, for example members of the R.C.M.P. and members of the Armed Forces.

There is no charge to beneficiaries for audiological tests received at the Clinics. Hearing aids recommended by the Plan's

audiologists are sold at cost price. All hearing aids sold through the Plan are guaranteed for one year from the date of purchase. This guarantee covers any repairs due to defects in manufacturing. In addition a beneficiary can obtain a refund, for any reason, on a hearing aid purchased through the Plan provided it is returned within 60 days from the date of purchase. The Plan offers a credit plan for any one purchase in excess of \$30.

The Plan also provides minor repair services free of charge and major repair service at cost. This service is available to all beneficiaries no matter where they purchased their hearing aid. Free "loaner" aids are available while aids are being repaired.

Accessories such as cords, receivers and earmolds are sold at cost. The Plan also supplies hearing aid batteries to users at prices much lower than the Canadian Average. Prior to February 1, 1975, these were available at cost price, but only through the Saskatchewan Hearing Aid Plan Clinics. As a result of numerous requests from hearing aid users to have batteries made available locally, the plan made arrangements with some pharmacies to handle hearing aid batteries at considerably reduced prices.

Under this arrangement, pharmacies can buy hearing aid batteries through the Plan at cost and sell them to users at prices agreed by the Plan. Users purchasing batteries through the Clinics are charged the same price as those charged by participating pharmacies.

By March 31, 1975, arrangements were completed with 57 pharmacies (mainly in rural areas) to handle hearing aid batteries.

NATURE AND SCOPE OF SERVICES

The program offered by the Plan incorporates early detection, audiological testing, selection and fitting of hearing aids and follow-up of beneficiaries with a hearing impairment. The Plan co-operates with other agencies in providing services to the hearing impaired individuals.

A beneficiary to the Plan may be self referred or referred by a general practitioner, an otologist, a public health nurse or other agencies. Each beneficiary under-goes thorough audiological evaluation consisting of pure tone testing, speech audiometry, impedance testing and other special testing as necessary by qualified audiologists. All cases with medical problems are referred to the family physician or to an otologist. Beneficiaries under eighteen years require medical approval before being fitted with a hearing aid.

On the basis of the audiological evaluation a hearing aid evaluation may be recommended. Further testing follows to select the most suitable aid. Beneficiaries also receive extensive counselling in the use of their aids.

It is important to assure that beneficiaries obtain maximum benefit from their aids. Experience elsewhere has shown that many aids dispensed either are not worn at all or are in appropriately worn. Because of this observation, regular follow-up procedures have been established for all beneficiaries under eighteen years of age. For other beneficiaries, those with marginal hearing loss or those requiring further counselling are

requested to return to the clinics at regular intervals, or as necessary. Regular follow-up procedures for all beneficiaries of the Plan are planned in the near future.

During the year the Plan had available from eleven different manufacturers 67 different types of hearing aids, covering a wide range of features. However, 17 models constituted 75 per cent of sales by volume. The Plan carries an extensive variety of hearing aids to provide the most appropriate hearing aid for the various types of hearing loss, and to satisfy individual consumer preference.

Hearing aids are obtained from companies, both Canadian and foreign. These companies are invited to tender according to specifications developed by the Plan.

Each aid has to be accompanied by a performance data sheet from the manufacturer, and spot checks by the Plan's electronics technicians on performance of a sample of each consignment are conducted to ensure maintenance of quality. In addition, each aid is tested for performance when it is dispensed.

COST OF PLAN'S SERVICES

As shown in Table I the cost of services provided by the Plan for the fiscal year 1974-75 was \$329,056. This being the first full year of operation, no comparative figures for previous years are available.

During the fiscal year 1974-75, 2,483 hearing aids were sold to 2,367 beneficiaries (116 aids were purchased by beneficiaries needing additional hearing aids) through the Plan.

Payments received (including credit purchases) from beneficiaries for hearing aids sold, totalled \$228,287 at an average price of \$91.94 per aid sold (Table II). The Plan also realized \$42,440 from the sale of batteries, \$17,727 from the sale of ear molds and \$13,569 for repairs and other services, bringing the total revenue from sales to \$302,023.

The Plan provides accessories and hearing aid repairs at or near cost and provides follow-up procedures. Only 56.3 per cent of beneficiaries were recommended to buy hearing aids. Two-thirds of the overhead cost was attributed to testing these beneficiaries. In 1974-75, this amounted to \$213,085 or \$85.82 per hearing aid sold through the Plan (Table II). Thus the net cost of dispensing a hearing aid through the Plan was \$177.76 (\$91.94 for the hearing aid and \$85.82 for testing and fitting).

One-third of the overhead cost of the plan was attributed to testing 43.7 per cent (1,840 out of 4,207) of the beneficiaries who did not need a hearing aid. In 1974-75, this amounted to \$106,542 with an average cost of \$57.90 per beneficiary.

1974-75 PROGRAM STATISTICAL DATA

During the fiscal year 1974-75, 4,207 beneficiaries received complete audiological testing through the Saskatchewan Hearing Aid Plan. This figure does not include 380 beneficiaries whose evaluations were not completed within the fiscal year under report nor those beneficiaries receiving further counselling, repair services and accessories.

Over half of the total beneficiaries receiving audiological tests were over 65 years of age, a fact reflected in all regional clinics (Table III). Over 16 per cent of the beneficiaries were under 18 years of age. The two base clinics accounted for 57 per cent of all beneficiaries tested.

In 1974-75, 2,367 beneficiaries (56.3 per cent of total) were fitted with 2,483 hearing aids. This includes 107 beneficiaries who were fitted with two hearing aids, and nine beneficiaries purchasing additional aids. About two-thirds of hearing aids were sold to beneficiaries over 65 years of age. Beneficiaries under 18 years of age accounted for only 5.9 per cent of all beneficiaries (Table IV). Over 60 per cent of beneficiaries purchased hearing aids at the two base clinics.

The number of hearing aids sold by age of beneficiary and type of hearing aid is given in Table IV. Behind the ear type of aids constituted 76.4 per cent of all aids sold by the plan. Eye glass type aids come second with 17 per cent of all aids sold. These two types were the most commonly used aids by beneficiaries over 18 years of age. Behind the ear type and body type of aids were the most commonly used aids by beneficiaries under 18 years of age.

Hearing aids in the price range of \$80 to \$89 constituted 39 per cent of all aids sold in 1974-75 (Table VI). Over four-fifths of hearing aids sold were in the price range \$80 to \$109.

The two main sources of referral of beneficiaries to the plan were the individual himself and otologists. Almost two-thirds

of beneficiaries referred by these two sources needed hearing aids while fewer beneficiaries referred by other sources such as general practitioner and public health nurse needed aids. Additional data on sources of referral are given in table VII.

About 60 per cent of beneficiaries (2,412 out of 4,207) tested had sensory hearing losses in both ears. Over 10 per cent of beneficiaries had mixed hearing losses in both ears. Percentages of beneficiaries needing hearing aids were the highest among those with sensory and mixed hearing losses. (Table VIII)

Profound hearing loss at least in one ear was observed in 487 beneficiaries and 308 of these needed hearing aids. Only 129 beneficiaries with profound hearing loss at least in one ear had hearing aids prior to the plan and 58 of these beneficiaries needed new aids. Additional data regarding degree of loss are given in Tabel IX.

A history of ear disease was reported by 23.5 per cent of beneficiaries and 55.3 per cent of these received a hearing aid. Significant noise exposure in employment was reported by 36.6 per cent of the beneficiaries tested and 64.5 per cent of these individuals required a hearing aid.

A total of 126 beneficiaries (5.3 per cent of those purchasing aids) returned their hearing aids to the Plan for refund due to various reasons, including the inability to adjust satisfactorily and inconvenience of wearing an aid.

During the fiscal year 1974-75, 1,416 hearing aids were loaned and over 2,500 hearing aids were serviced by the Plan, the majority of which were purchased prior to the Plan's inception.

TABLE I. STATEMENT OF EXPENSES OF THE SASKATCHEWAN HEARING AID PLAN FOR THE
YEAR ENDED MARCH 31, 1975

<u>Item</u>	<u>Amount</u>
Contractual services	\$ 11,805
Depreciation	19,519
Freight and express	2,882
Medical, optical, and allied services	834
Medical supplies	654
Miscellaneous materials and supplies	1,754
Postage and communication	7,488
Professional and technical services	738
Publicity, information, advertising and printing	2,316
Rents, insurance and utility services	1,309
Repairs and maintenance	1,573
Salaries	235,939
Scientific and educational supplies	1,816
Stationary and office supplies	9,436
Sundry	267
Taxes and licences	987
Travel, sustenance, and vehicle expenses	29,739
Total	<u>\$329,056</u>

- * Taken from the 1974-75 financial statements prepared by Clarkson Gordon and Company for the Saskatchewan Hearing Aid Plan. The statements are prepared on an accrual basis which takes into consideration accounts receivable, accounts payable and depreciation.

TABLE II. COST PER HEARING AID SOLD BY THE SASKATCHEWAN HEARING AID PLAN
FOR THE YEAR ENDED MARCH 31, 1975

	Total costs	Per hearing aid sold*
Hearing aid sales (charges to beneficiaries)	\$228,287	\$91.94
Overhead expenses related to sale of hearing aids:		
Expenses of the Saskatchewan Hearing Aid Plan (Table I)	\$329,056	
Add: Rents paid by the Department of Government Services on behalf of the Plan	26,085	
Total overhead expenses	<u>\$355,141</u>	
Less: Overhead expenses attributed to accessory sales and repair service (10% of total overhead expenses)	<u>35,514</u>	
Total overhead expenses attributed to audiological testing, evaluation, hearing aid fitting and follow-ups	\$319,627	
Less: Overhead expenses attributed to audiological testing evaluation and follow-ups not related to sale of hearing aids (1/3 of \$319,627)†	<u>106,542</u>	
Total overhead expenses attributed to sale of hearing aids	<u>\$213,085</u>	<u>85.82</u>
Total expenses attributed to sale of hearing aids	<u>\$441,372</u>	<u>\$177.76</u>

* 2,483 hearing aids were sold (net) in 1974-75.

† 43.7 per cent of beneficiaries tested under the Plan were not recommended to buy hearing aids. Average cost for testing beneficiaries not recommended to buy hearing aids was \$57.90 (\$106,542 for 1,840 beneficiaries).

TABLE III. NUMBER OF BENEFICIARIES TESTED BY CLINIC AND AGE OF BENEFICIARY*, SASKATCHEWAN HEARING AID PLAN,
1974 - 75

Clinic	Age of beneficiary					
	Total	Under 6	6 - 18	19 - 44	45 - 64	65+
Total	4,207 (100.0)	159 (3.8)	546 (13.0)	275 (6.5)	783 (18.6)	2,444 (58.1)
Southern Region	2,267 (100.0)	112 (4.9)	238 (10.5)	158 (7.0)	427 (18.8)	1,332 (58.8)
Regina	1,288 (100.0)	99 (7.7)	161 (12.5)	118 (9.2)	247 (19.2)	663 (51.5)
Swift Current	225 (100.0)	2 (0.9)	3 (1.3)	9 (4.0)	40 (17.8)	171 (76.0)
Moose Jaw	216 (100.0)	1 (0.5)	3 (1.4)	9 (4.2)	37 (17.1)	166 (76.9)
Gravelbourg	8 (100.0)	0 (0.0)	0 (0.0)	0 (0.0)	2 (25.0)	6 (75.0)
Assiniboia	91 (100.0)	2 (2.2)	0 (0.0)	3 (3.3)	14 (15.4)	72 (79.1)
Hodgeville	16 (100.0)	0 (0.0)	2 (12.5)	1 (6.3)	5 (31.3)	8 (50.0)
Weyburn	73 (100.0)	1 (1.4)	2 (2.7)	6 (8.2)	16 (21.9)	48 (65.8)
Estevan	70 (100.0)	1 (1.4)	1 (1.4)	3 (4.3)	12 (17.1)	53 (75.7)
Yorkton	280 (100.0)	6 (2.1)	66 (23.6)	9 (3.2)	54 (19.3)	145 (51.8)

(continued)

TABLE III. NUMBER OF BENEFICIARIES TESTED BY CLINIC AND AGE OF BENEFICIARY*, SASKATCHEWAN HEARING AID PLAN,
1974 - 75 (CONCLUDED)

Clinic	Age of beneficiary					
	Total	Under 6	6 - 18	19 - 44	45 - 64	65+
Northern Region	1,940 (100.0)	47 (2.4)	308 (15.9)	117 (6.0)	356 (18.4)	1,112 (57.3)
Saskatoon	1,098 (100.0)	27 (2.5)	138 (12.6)	72 (6.6)	209 (19.1)	652 (59.4)
Rosetown	95 (100.0)	1 (1.1)	3 (3.2)	1 (1.1)	18 (18.9)	72 (75.8)
Kindersley	34 (100.0)	0 (0.0)	2 (5.9)	5 (14.7)	10 (29.4)	17 (50.0)
Biggar	1 (100.0)	0 (0.0)	0 (0.0)	1 (100.0)	0 (0.0)	0 (0.0)
Melfort	1 (100.0)	0 (0.0)	0 (0.0)	0 (0.0)	0 (0.0)	1 (100.0)
Tisdale	179 (100.0)	1 (0.6)	15 (8.4)	5 (2.8)	32 (17.9)	126 (70.4)
Prince Albert	197 (100.0)	3 (1.7)	38 (21.2)	8 (4.5)	35 (19.6)	113 (63.1)
North Battleford	275 (100.0)	10 (3.6)	72 (26.2)	16 (5.8)	49 (17.8)	128 (46.5)
Lloydminster	4 (100.0)	0 (0.0)	1 (25.0)	1 (25.0)	0 (0.0)	2 (50.0)
La Ronge	10 (100.0)	3 (30.0)	5 (50.0)	1 (10.0)	1 (10.0)	0 (0.0)
Buffalo Narrows	46 (100.0)	2 (4.3)	34 (73.9)	7 (15.2)	2 (4.3)	1 (2.2)

* Includes only beneficiaries receiving complete audiological testing and evaluation.

TABLE IV. NUMBER OF BENEFICIARIES PURCHASING HEARING AIDS BY CLINIC AND AGE OF BENEFICIARY, SASKATCHEWAN HEARING AID PLAN, 1974 - 75

Clinic	Age of beneficiary					
	Total	Under 6	6 - 18	19 - 44	45 - 64	65+
Total	2,367 (56.3)	25 (15.7)	115 (21.1)	152 (55.3)	457 (58.4)	1,618 (66.2)
Southern Region	1,396 (61.6)	19 (17.0)	53 (22.3)	95 (60.1)	260 (60.9)	969 (72.7)
Regina	785 (61.0)	14 (14.1)	40 (24.8)	76 (64.4)	164 (66.4)	491 (74.1)
Swift Current	157 (69.8)	2 (100.0)	2 (66.7)	4 (44.4)	22 (55.0)	127 (74.3)
Moose Jaw	135 (62.5)	1 (100.0)	1 (33.3)	4 (44.4)	19 (51.4)	110 (66.3)
Gravelbourg	6 (75.0)	0 (0.0)	0 (0.0)	0 (0.0)	1 (50.0)	5 (83.3)
Assiniboia	58 (63.7)	1 (50.0)	0 (0.0)	2 (66.7)	6 (42.9)	49 (68.1)
Hodgeville	2 (12.5)	0 (0.0)	0 (0.0)	0 (0.0)	0 (0.0)	2 (25.0)
Weyburn	52 (71.2)	0 (0.0)	1 (50.0)	2 (33.3)	8 (50.0)	41 (85.4)
Estevan	50 (71.4)	0 (0.0)	1 (100.0)	1 (33.3)	8 (75.0)	40 (75.5)
Yorkton	151 (53.9)	1 (16.7)	8 (12.1)	6 (66.7)	32 (59.3)	104 (71.7)

(continued)

TABLE IV. NUMBER OF BENEFICIARIES PURCHASING HEARING AIDS BY CLINIC AND AGE OF BENEFICIARY, SASKATCHEWAN HEARING AID PLAN, 1974 - 75 (CONCLUDED)

Clinic	Age of beneficiary					
	Total	Under 6	6 - 18	19 - 44	45 - 64	65+
Northern Region	971 (50.1)	6 (12.8)	62 (20.1)	57 (48.3)	197 (55.3)	649 (58.4)
Saskatoon	630 (57.4)	3 (11.1)	53 (38.4)	42 (58.3)	131 (62.7)	401 (61.5)
Rosetown	50 (52.6)	0 (0.0)	0 (0.0)	1 (100.0)	11 (61.1)	38 (52.8)
Kindersley	8 (23.5)	0 (0.0)	0 (0.0)	1 (20.0)	0 (0.0)	7 (41.2)
Melfort	1 (100.0)	0 (0.0)	0 (0.0)	0 (0.0)	0 (0.0)	1 (100.0)
Tisdale	98 (54.7)	0 (0.0)	4 (2.7)	3 (60.0)	14 (43.8)	77 (61.1)
North Battleford	106 (38.5)	2 (20.0)	3 (4.2)	5 (31.3)	27 (55.1)	69 (53.9)
Lloydminster	1 (25.0)	0 (0.0)	1 (100.0)	0 (0.0)	0 (0.0)	0 (0.0)
Prince Albert	77 (39.1)	1 (33.3)	1 (2.6)	5 (62.5)	14 (40.0)	56 (49.6)

TABLE V. NUMBER OF HEARING AIDS SOLD BY AGE OF BENEFICIARY AND TYPE OF HEARING AID, SASKATCHEWAN HEARING AID PLAN, 1974 - 75

	Age of beneficiary					
	Total	Under 6	6 - 18	19 - 44	45 - 64	65+
Total	2,483* (100.0) [†]	30 (1.2)	144 (5.8)	164 (6.6)	478 (19.3)	1,667 (67.1)
Behind the ear	1,896 (76.4)	13 (0.5)	92 (3.7)	140 (5.6)	349 (14.1)	1,302 (52.4)
In the ear	4 (0.2)	0 (0.0)	0 (0.0)	0 (0.0)	1 (0.0)	3 (0.1)
Eye glass	423 (17.0)	0 (0.0)	6 (0.2)	20 (0.8)	111 (4.5)	286 (11.5)
Body	160 (6.4)	17 (0.7)	46 (1.9)	4 (0.2)	17 (0.7)	76 (3.1)

* Two hearing aids were sold to 116 beneficiaries

† Figures in parenthesis denote percentages of total hearing aids sold.

TABLE VI. NUMBER OF HEARING AIDS SOLD BY PRICE OF AID, SASKATCHEWAN HEARING AID PLAN, 1974 - 75

Price range	Number of hearing aids sold	Percentage	Cumulative percentage
Total	2,483	100.0	-
Under \$40	3	0.1	0.1
\$40 - 49	40	1.6	1.7
50 - 59	3	0.1	1.9
60 - 69	125	5.0	6.9
70 - 79	191	7.7	14.5
80 - 89	969	39.0	53.6
90 - 99	416	16.8	70.4
100 - 109	636	25.6	96.0
110 - 119	23	0.9	96.9
120 - 129	52	2.1	99.0
130 and over	25	1.0	100.0

TABLE VII. NUMBER OF BENEFICIARIES TESTED BY TYPE OF REFERRAL, SASKATCHEWAN HEARING AID PLAN, 1974 - 75

Type of referral	Number of beneficiaries	Number of beneficiaries purchasing a hearing aid	Percent of beneficiaries purchasing a hearing aid
Total	4,207	2,367	56.3
Self	2,375	1,491	62.8
General Practitioner	290	141	48.6
Otologist	774	484	62.6
Other medical specialist	41	15	36.6
Public health nurses	216	49	22.7
Other	511	187	36.6

TABLE VIII. NUMBER OF BENEFICIARIES TESTED BY TYPE OF HEARING LOSS*, SASKATCHEWAN HEARING AID PLAN, 1974 - 75

Type of loss (left ear)	Type of loss (right ear)					
	Total	Normal	Conductive	Sensory	Neural	Mixed
Total	4,207 (56.3) [†]	350 (2.9)	135 (23.0)	2,613 (63.8)	39 (59.0)	727 (60.2)
Normal	361 (1.9)	302 (0.0)	18 (11.1)	19 (10.5)	0 (0.0)	19 (15.8)
Conductive	145 (22.8)	22 (13.6)	108 (22.2)	2 (0.0)	0 (0.0)	12 (50.0)
Sensory	2,601 (63.9)	15 (33.3)	4 (75.0)	2,412 (64.5)	8 (62.5)	151 (57.0)
Neural	36 (52.8)	1 (0.0)	0 (0.0)	3 (33.3)	27 (59.3)	4 (50.0)
Mixed	730 (62.3)	7 (28.6)	4 (50.0)	170 (60.6)	4 (50.0)	540 (63.1)
Not available	334 (57.2)	3 (0.0)	1 (0.0)	7 (71.4)	0 (0.0)	1 (0.0)
						322 (57.)

* Normal - No significant hearing loss

Conductive - Usually associated with outer or middle ear pathologies. The origin of conductive losses can be either congenital or acquired.

Sensory - Usually associated with pathologies of the cochlea which is located in the Inner Ear. The origin of sensory losses are many, some of the more common are hereditary, pre, peri, or post natal problems, noise exposure and old age.

Neural - More commonly called retrocochlear hearing losses. These are hearing losses that can exist in the neural pathway which exists from the cochlea to the brain stem. The most common neural lesions are associated with the VIII nerve and are called acoustic tumors.

Mixed - A combination of conductive and sensory hearing losses.

Note: The latest terminology calls all Inner Ear hearing losses are sensorineural, and neural hearing losses as retrocochlear hearing losses.

† Figures in parenthesis denote percentages of beneficiaries purchasing a hearing aid.

TABLE IX. NUMBER OF BENEFICIARIES TESTED BY DEGREE OF LOSS, SASKATCHEWAN HEARING AID PLAN, 1974 - 75

Degree of loss (left ear)	Degree of loss (right ear)						
	Total	Normal hearing (under 25dB)	Mild loss (26-45dB)	Moderate loss (46-65dB)	Severe loss (66-85dB)	Profound loss (85 + dB)	Not available
Total	4,207 (56.3) *	552 (18.9)	1,187 (58.9)	1,244 (70.8)	417 (68.6)	310 (61.6)	497 (41.4)
Normal hearing (under 25dB)	540 (19.1)	378 (12.2)	89 (30.3)	40 (47.5)	14 (28.6)	16 (43.8)	3 (0.0)
Mild loss (26-45dB)	1,165 (56.7)	104 (29.8)	747 (57.4)	231 (64.1)	46 (58.7)	35 (68.6)	2 (100.0)
Moderate loss (46-65dB)	1,263 (71.6)	42 (38.1)	274 (68.2)	763 (73.6)	130 (76.9)	50 (74.0)	4 (75.0)
Severe loss (66-85dB)	404 (69.8)	14 (42.9)	41 (73.2)	129 (72.9)	170 (70.0)	49 (67.3)	1 (0.0)
Profound loss (85 + dB)	334 (61.4)	13 (38.5)	33 (69.7)	75 (72.0)	54 (61.1)	158 (56.3)	1 (100.0)
Not available	501 (42.1)	1 (0.0)	3 (100.0)	6 (66.7)	3 (100.0)	2 (50.0)	486 (41.2)

* Figures in parenthesis denote percentages of beneficiaries purchasing a hearing aid.